HIGH FREQUENCY EMI SUPPRESSION CORE
BC-HS201 SERIES

Applicatons:

- NiZn Ferrite
- Higher Frequency choking (200-1000Mhz)
- High Frequency Common Mode Chokes
- Round Cable EMI suppression cores

Electrical Characteristics

Frequency	Typical Impedance (Ohm)
100Mhz	110
250Mhz	160
500Mhz	210
1000Mhz	300

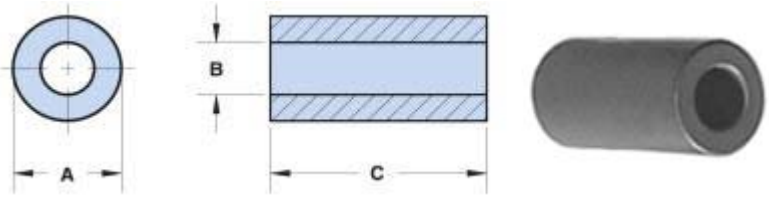
Ferrite Material Constants

Specific Heat	0.25 cal/g/°C
Thermal Conductivity	0.01 cal/sec/cm/°C
Coe. Of Linear Expension	$8x10^{-6}$ - $10x10^{-6}$ /°C
Tensile Strength	4.9 kgf/mm^2
Compressive Strength	$42kgf/mm^2$
Young's Modulus	15000 kgf/mm^2
Hardness (knoop)	650
Specific Gravity	~$4.7g/cm^3$

Ferrite Material Characteristics

Initial Permeability @ B< 10 gauss	125
Flux Density B@ H = 15 oersted	2350 Gauss
Residual Flux Density	1200 Gauss
Coercive Force	1.8 oersted
Loss Factor@ 1.0 Mhz	$30x10^{-6}$
Temp Coefficient of Initial Permeability (20-70 °C)	0.10 %/°C
Curie Temperature	> 300 °C
Resistivity	$1x10^5$ Ohm* cm

SHAPE and DIMENSIONS (Unit: mm)



Dimension	Unit(mm)
A	10 ± 0.50
B	4.3 ± 0.50
C	23.20 ± 0.50

JWC Technology, Inc.
544 N. Frederick Ave., Gaithersburg, MD 20877
Phone: (571)278-5495
Fax: (571)278-5490
Email: sales@jwctech.com
www.jwctech.com